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FIG. 1

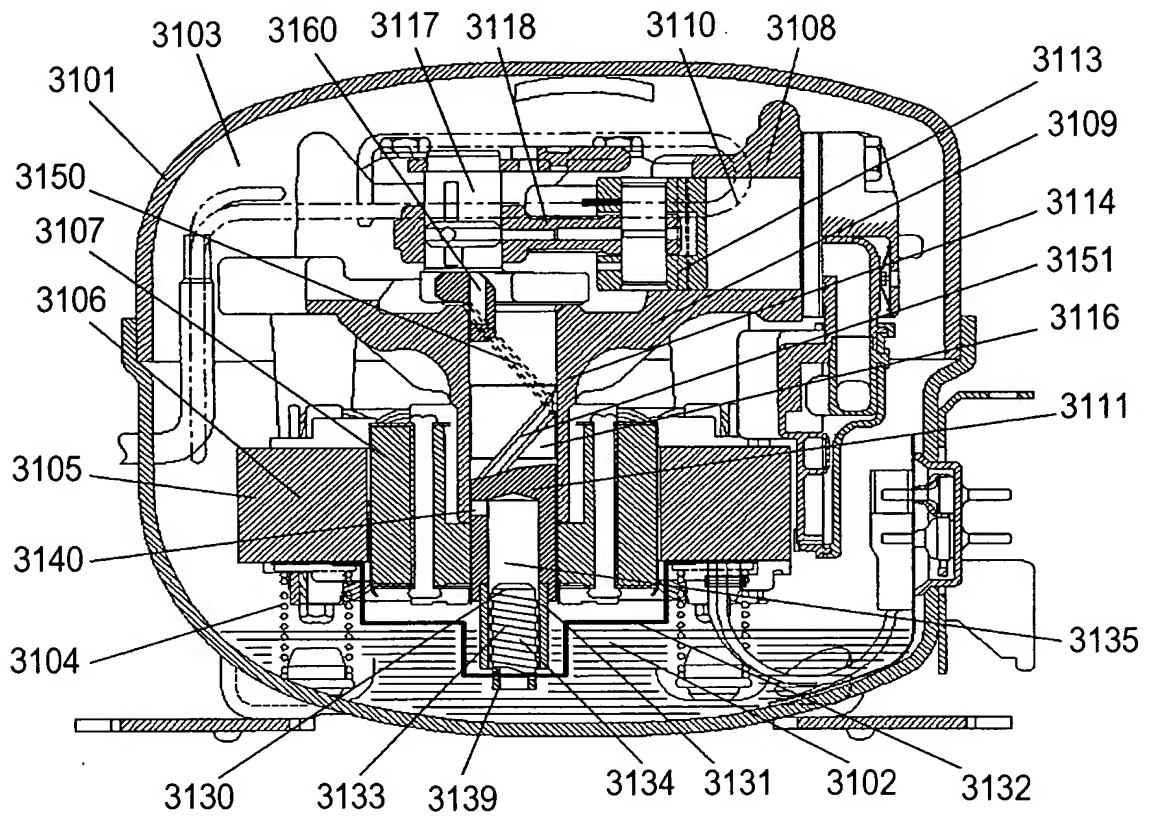
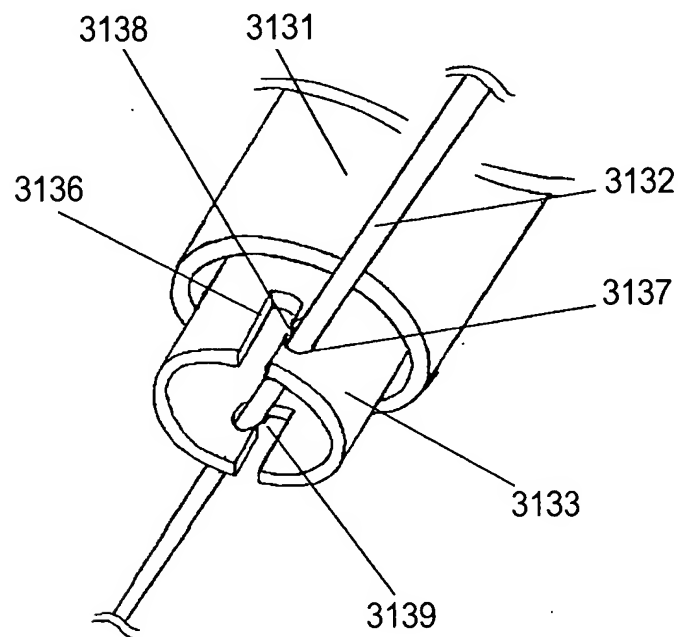


FIG. 2



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FIG. 3

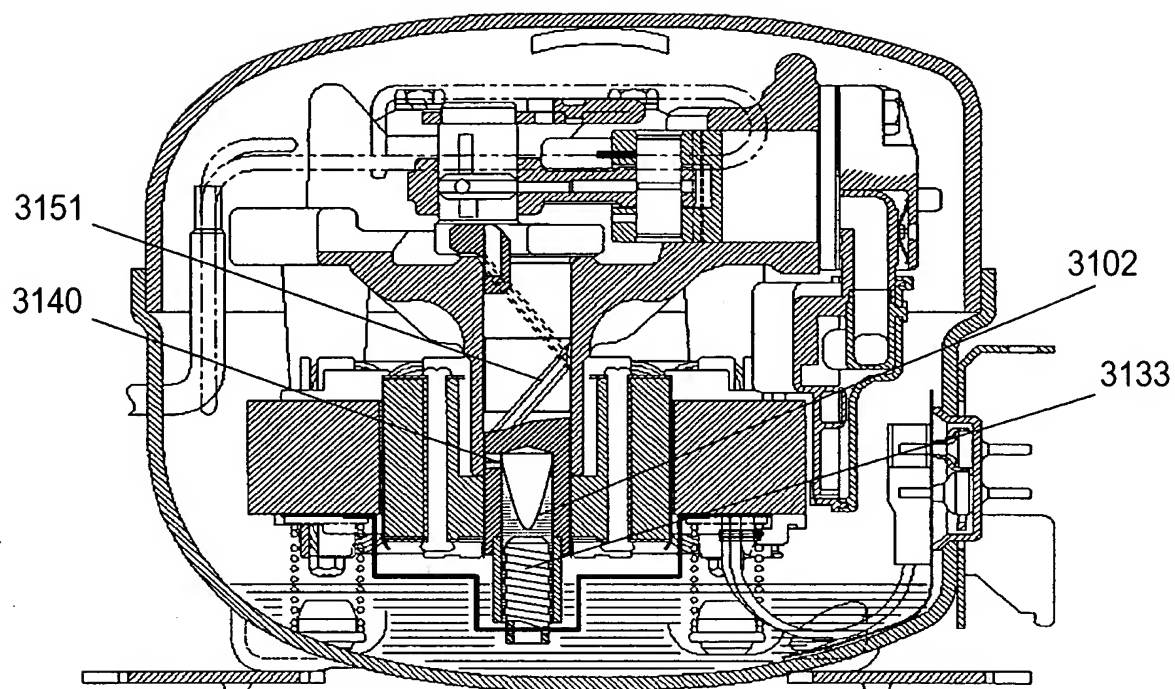
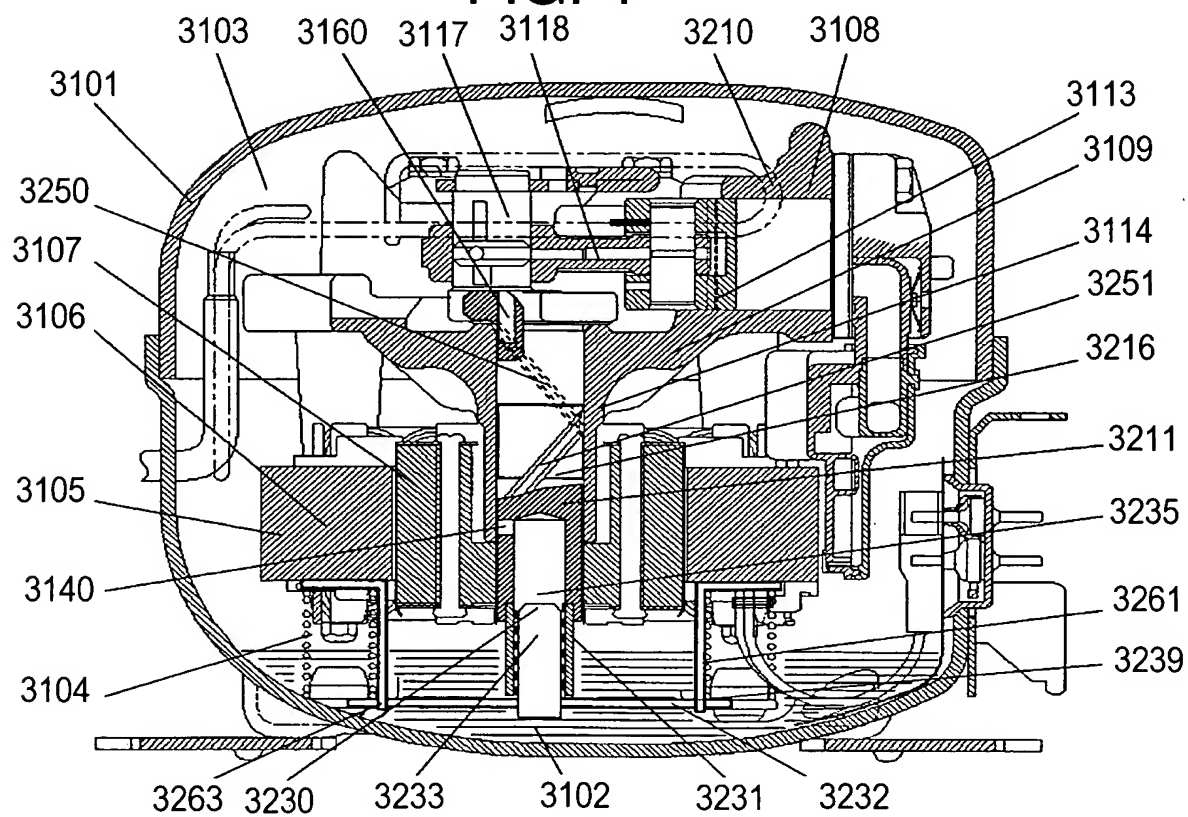


FIG. 4



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FIG. 5

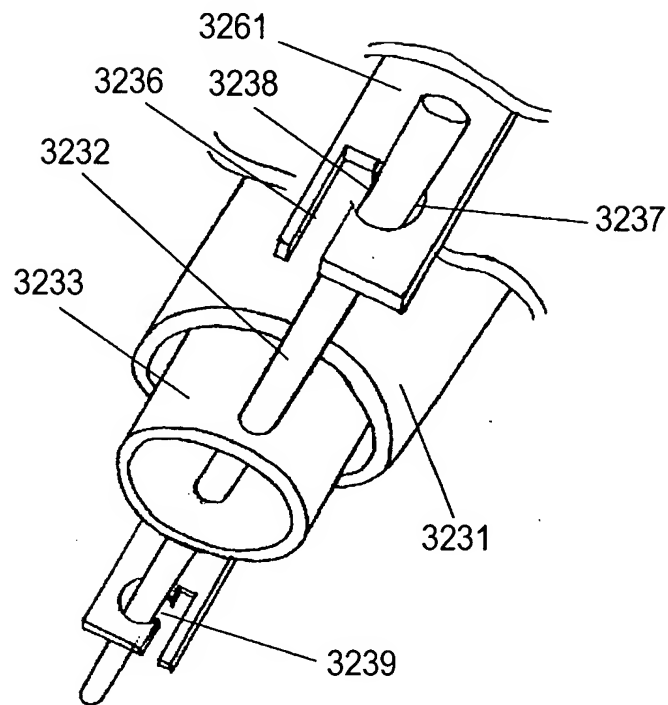
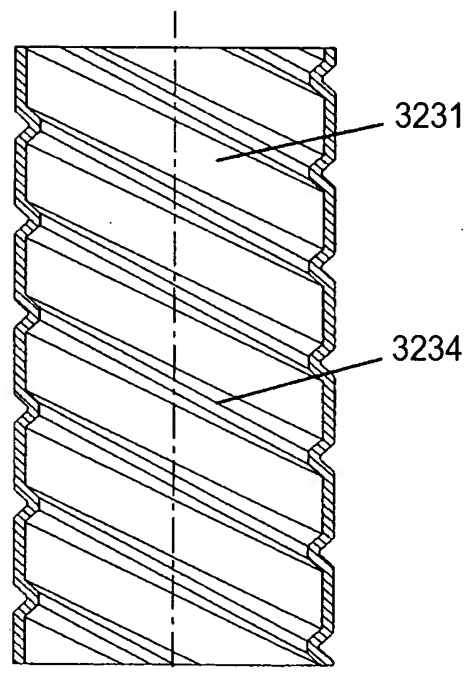


FIG. 6



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FIG. 7

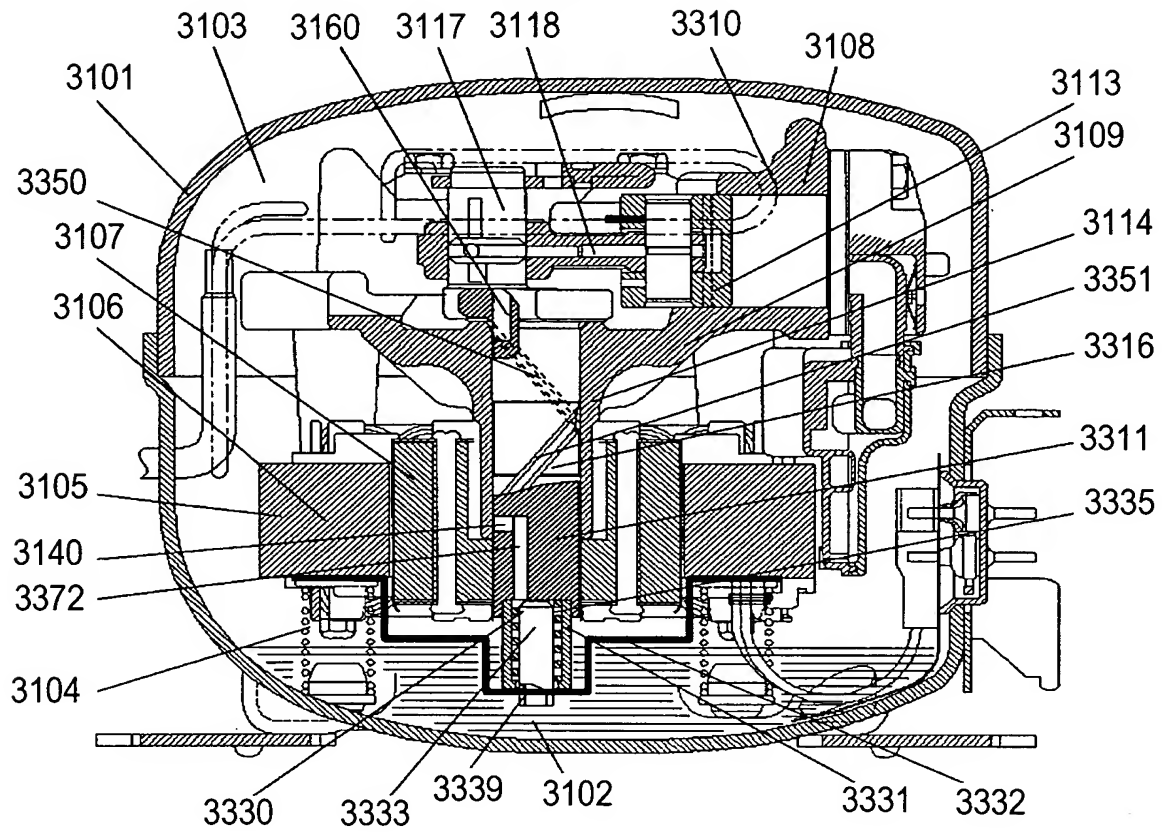
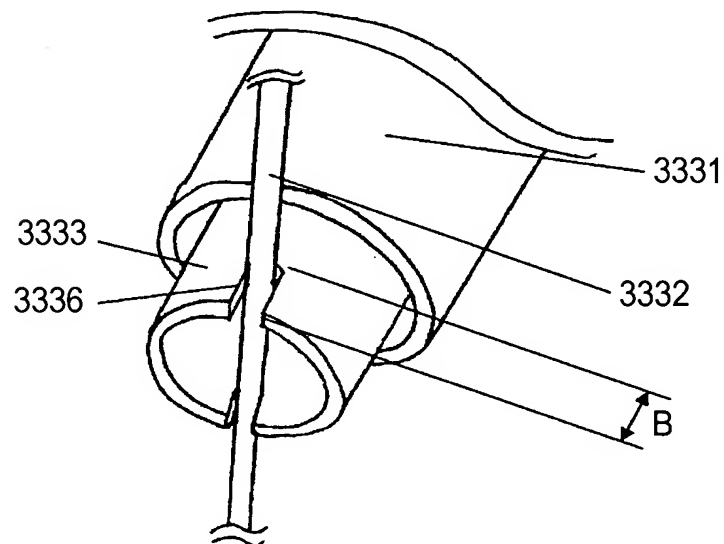
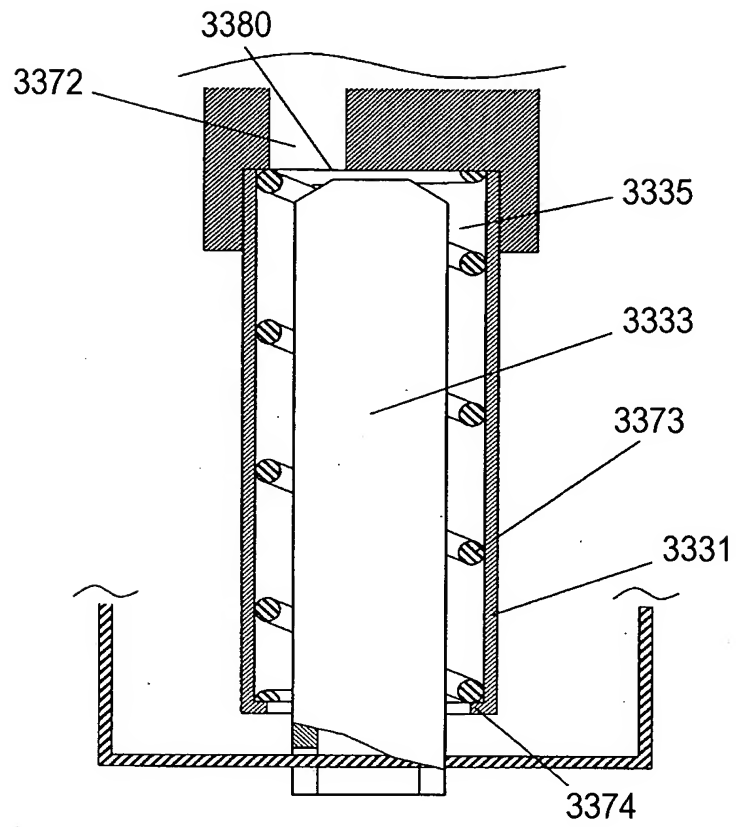


FIG. 8



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FIG. 9



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FIG. 10

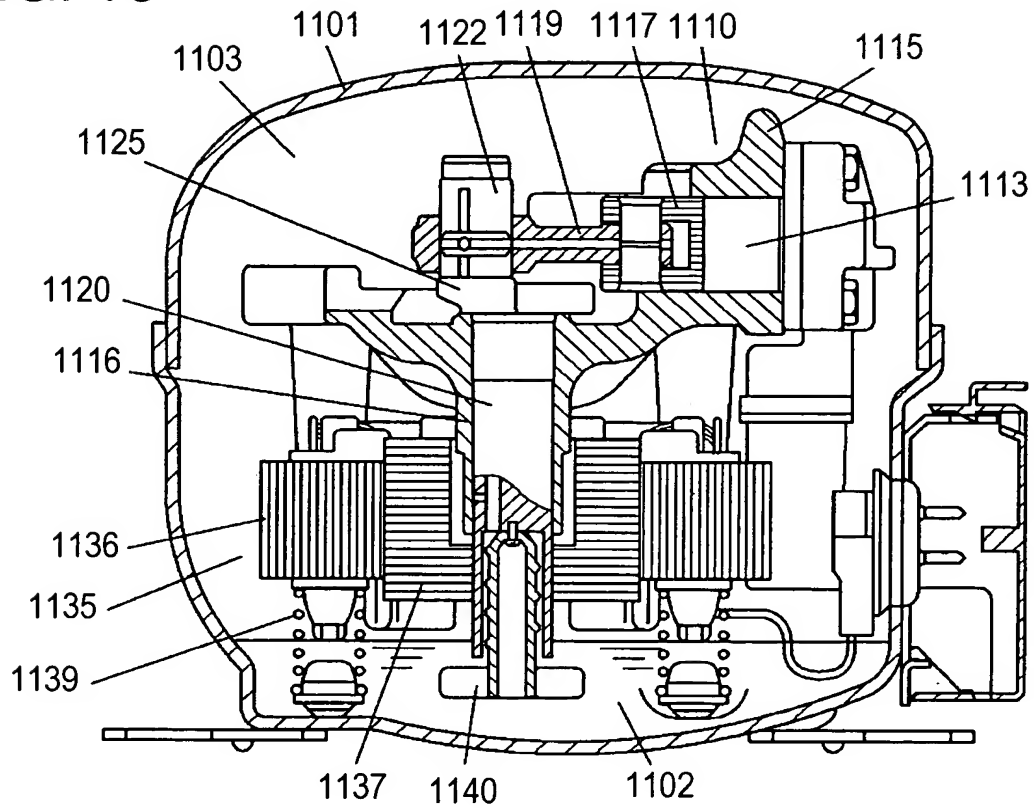


FIG. 11

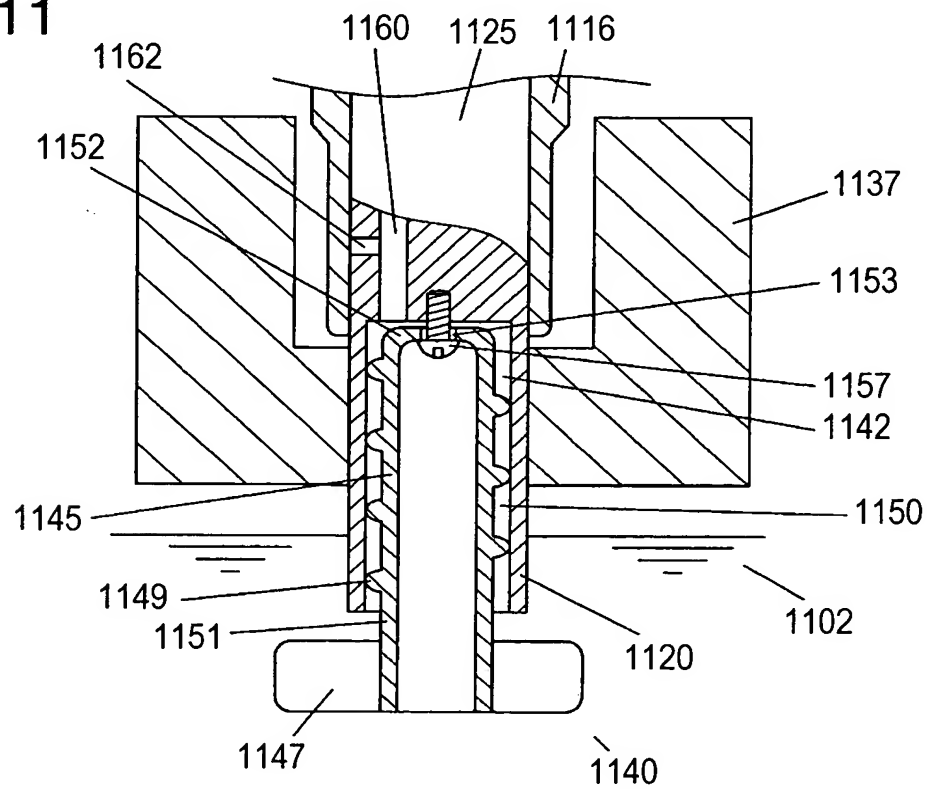


FIG. 12

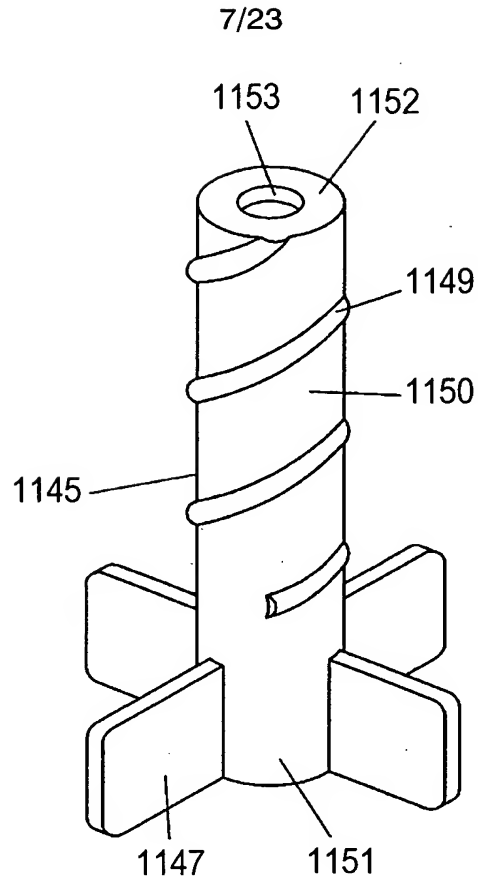


FIG. 13

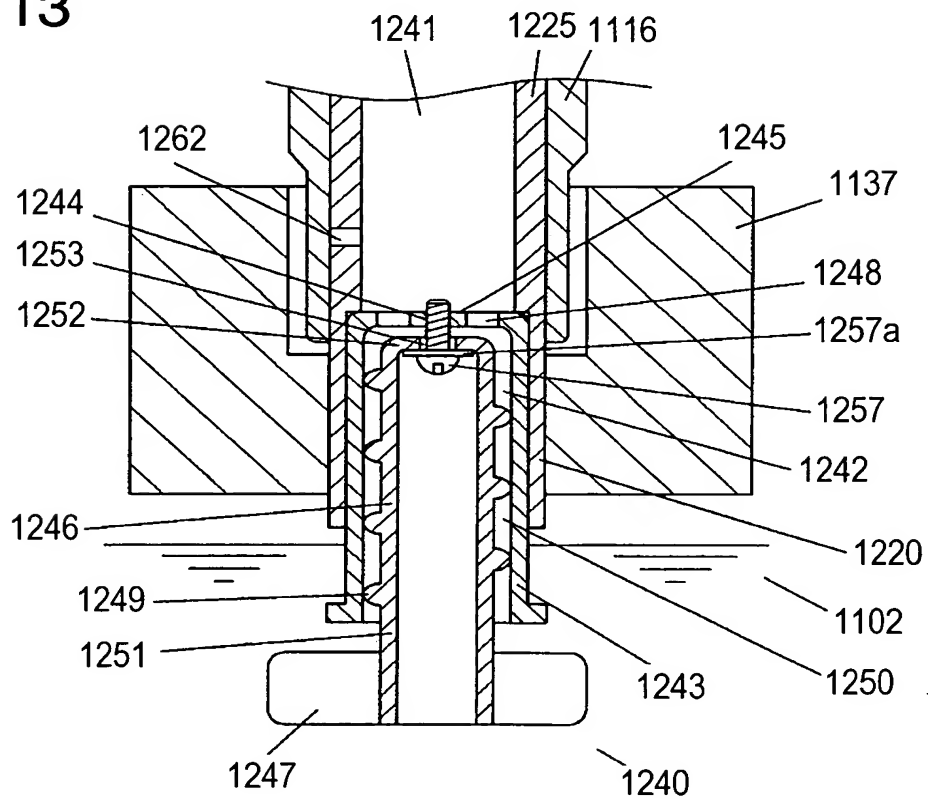


FIG. 14

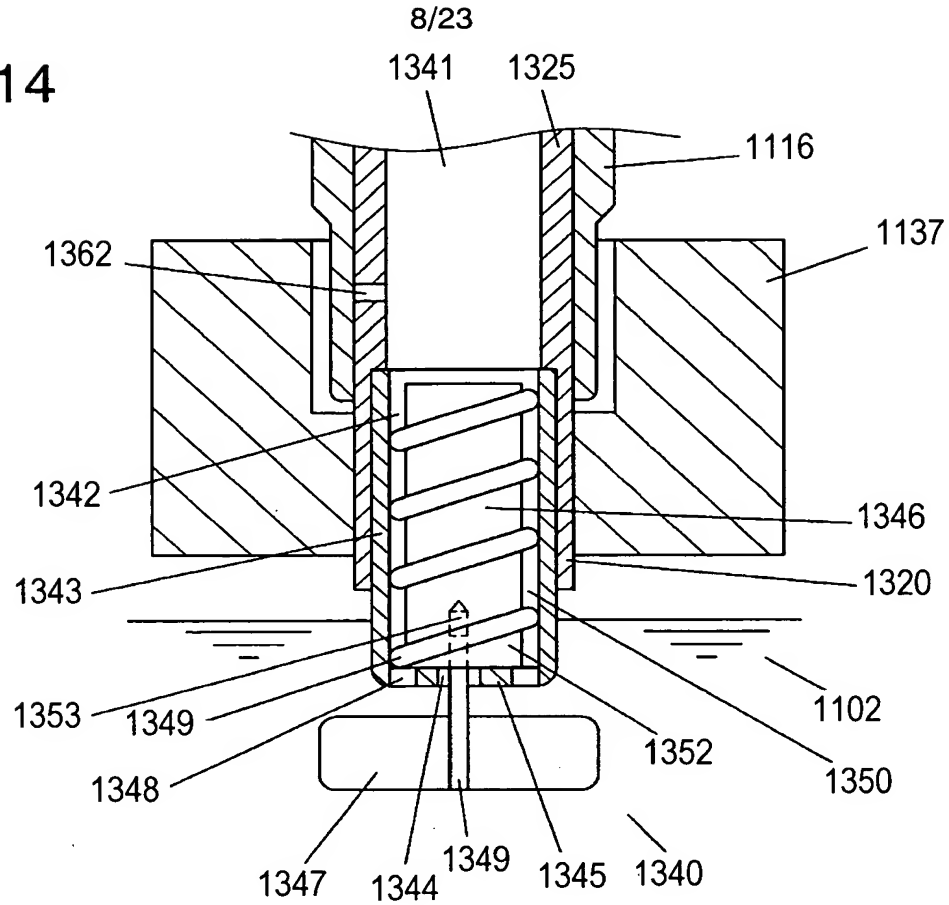
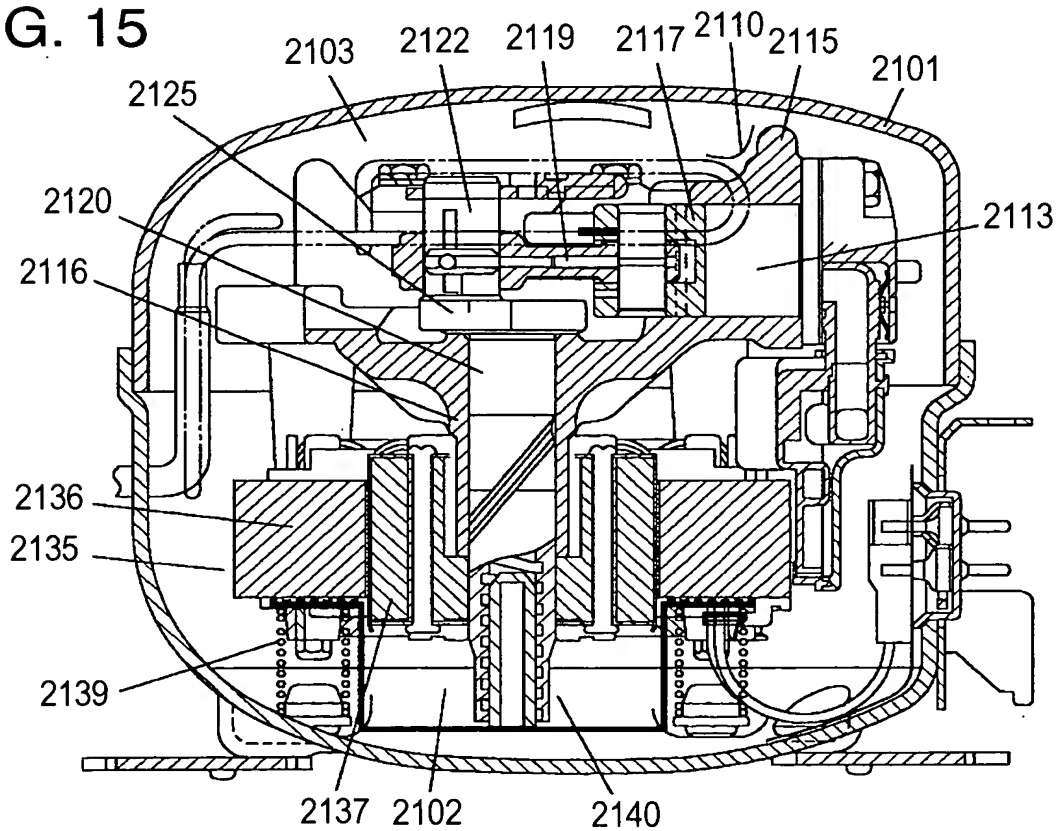
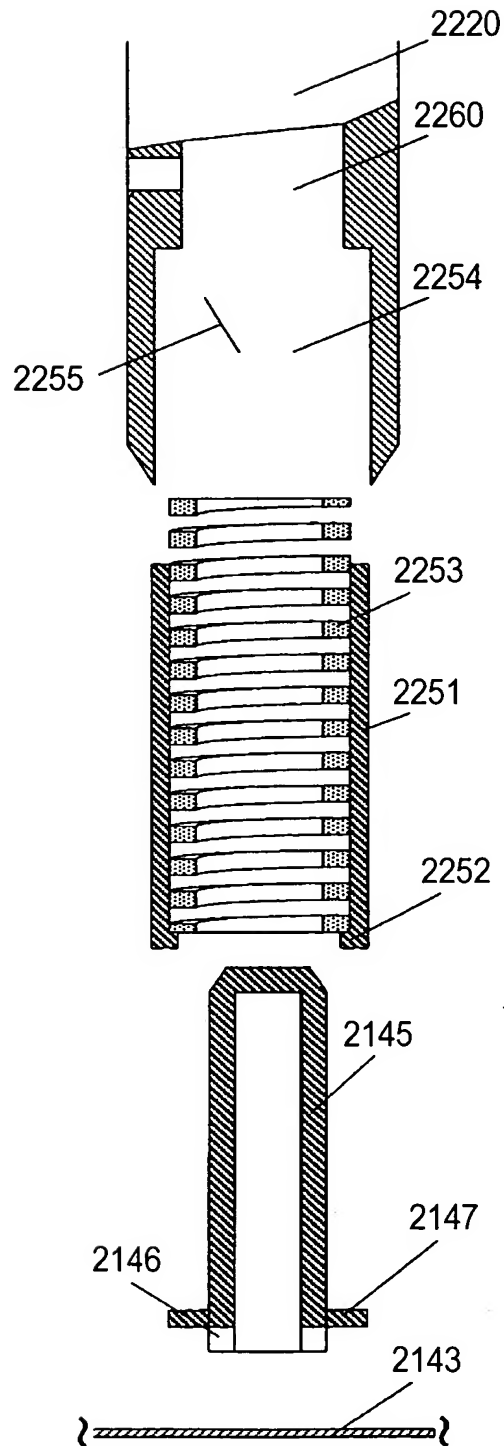


FIG. 15



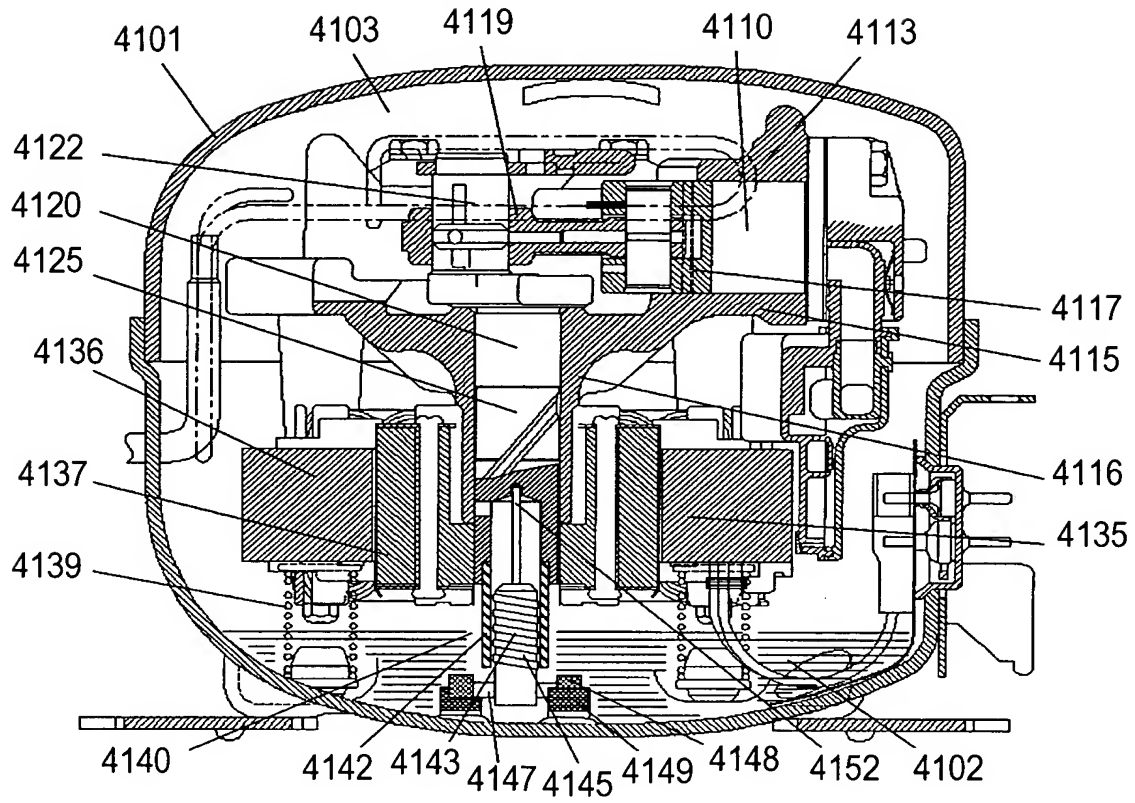
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FIG. 18



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FIG. 19



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FIG. 20

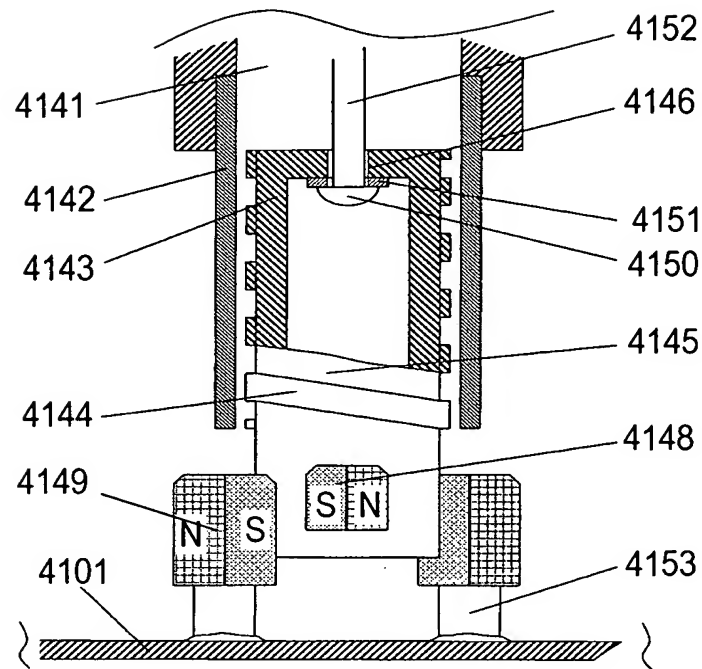
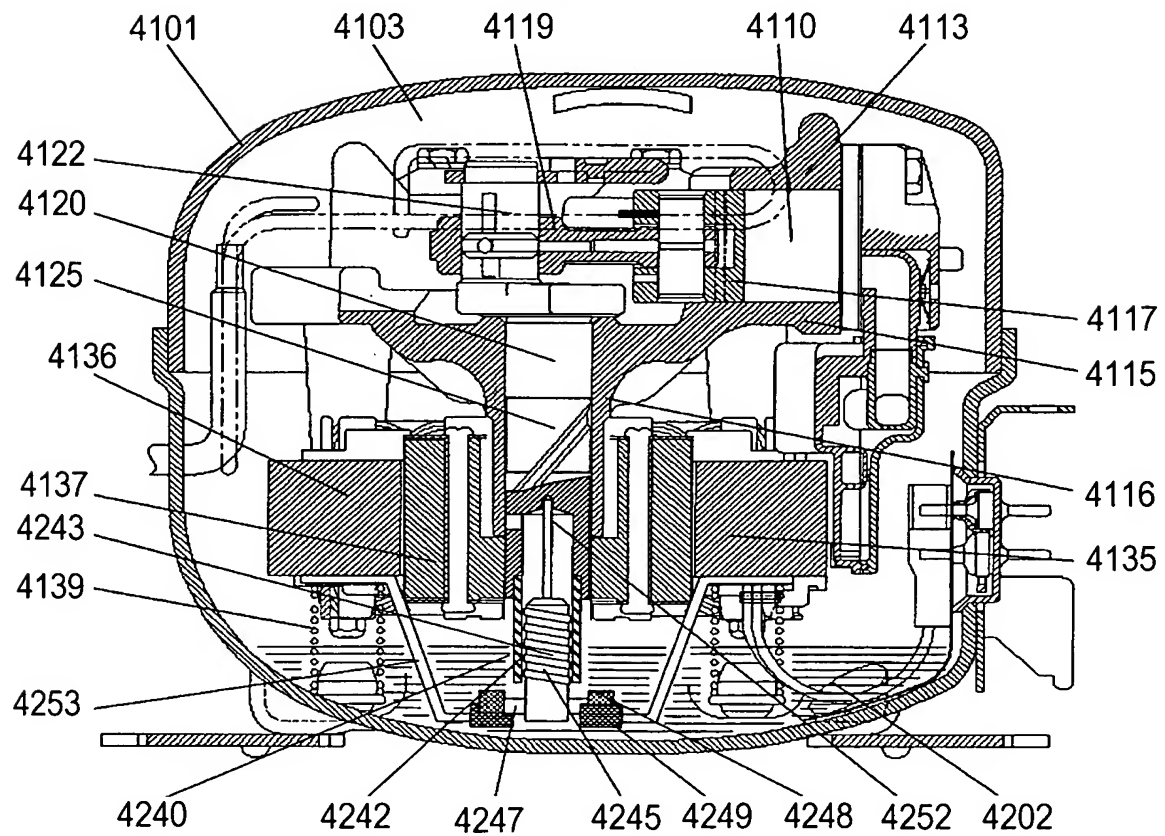


FIG. 21



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FIG. 22

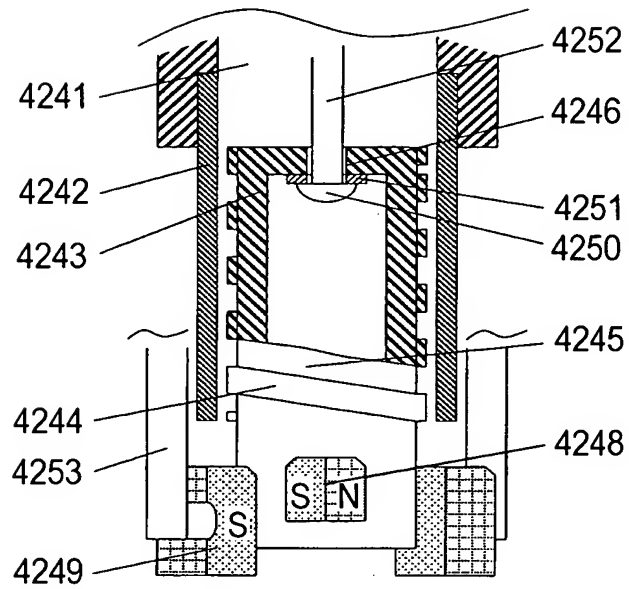
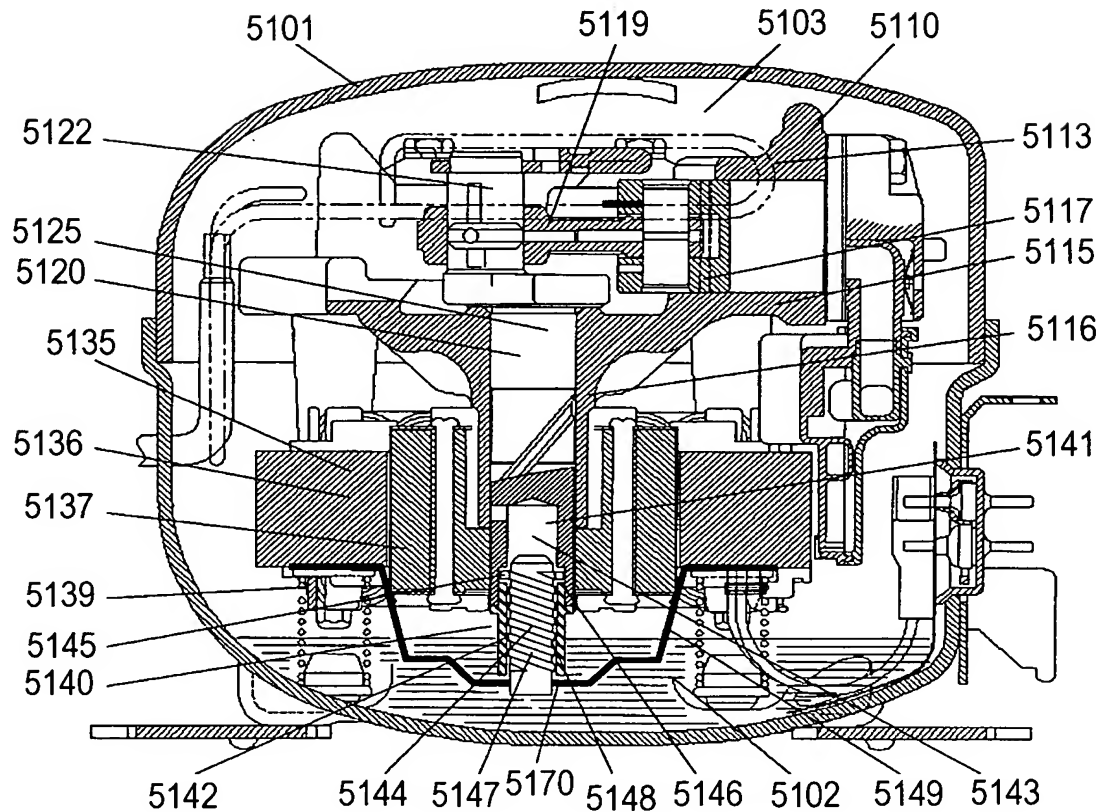


FIG. 23



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FIG. 24

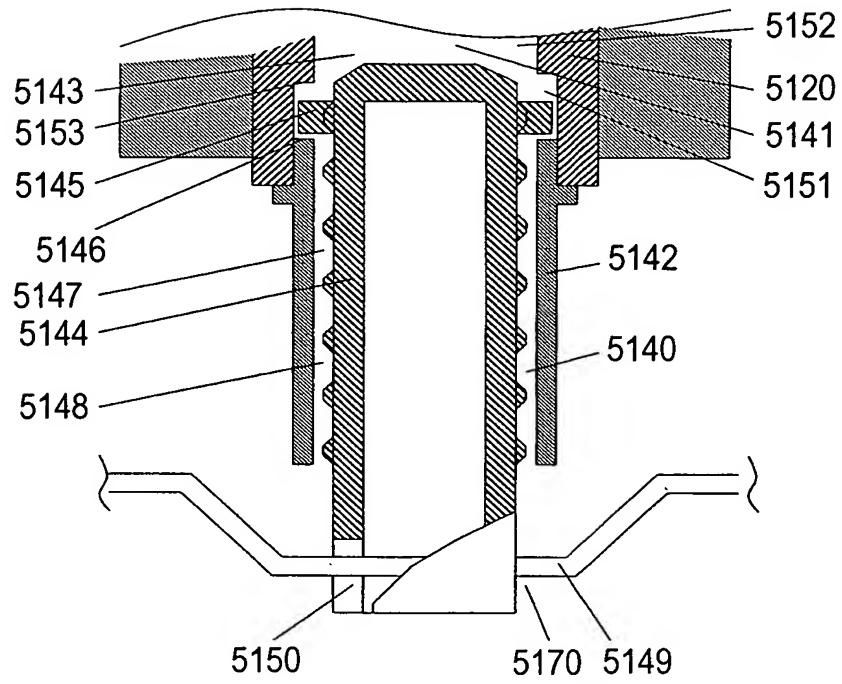
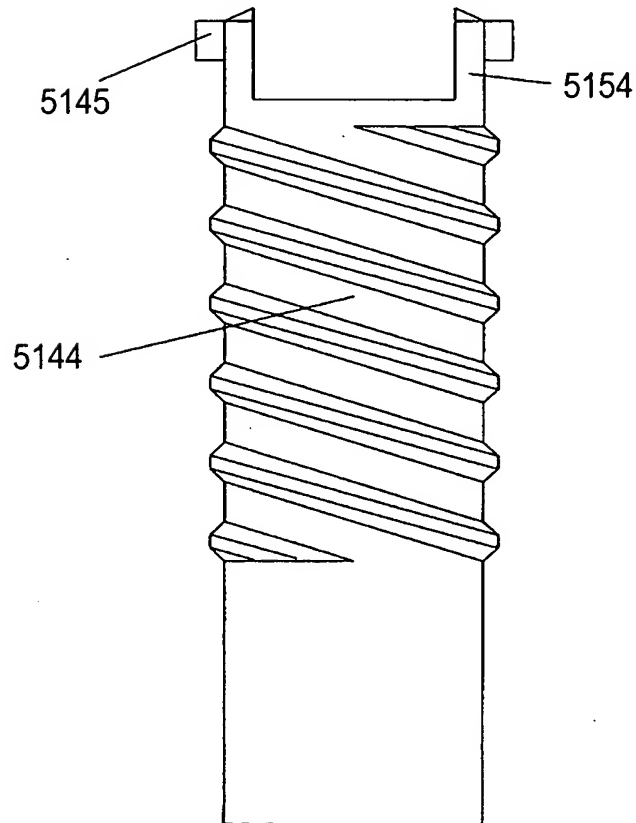
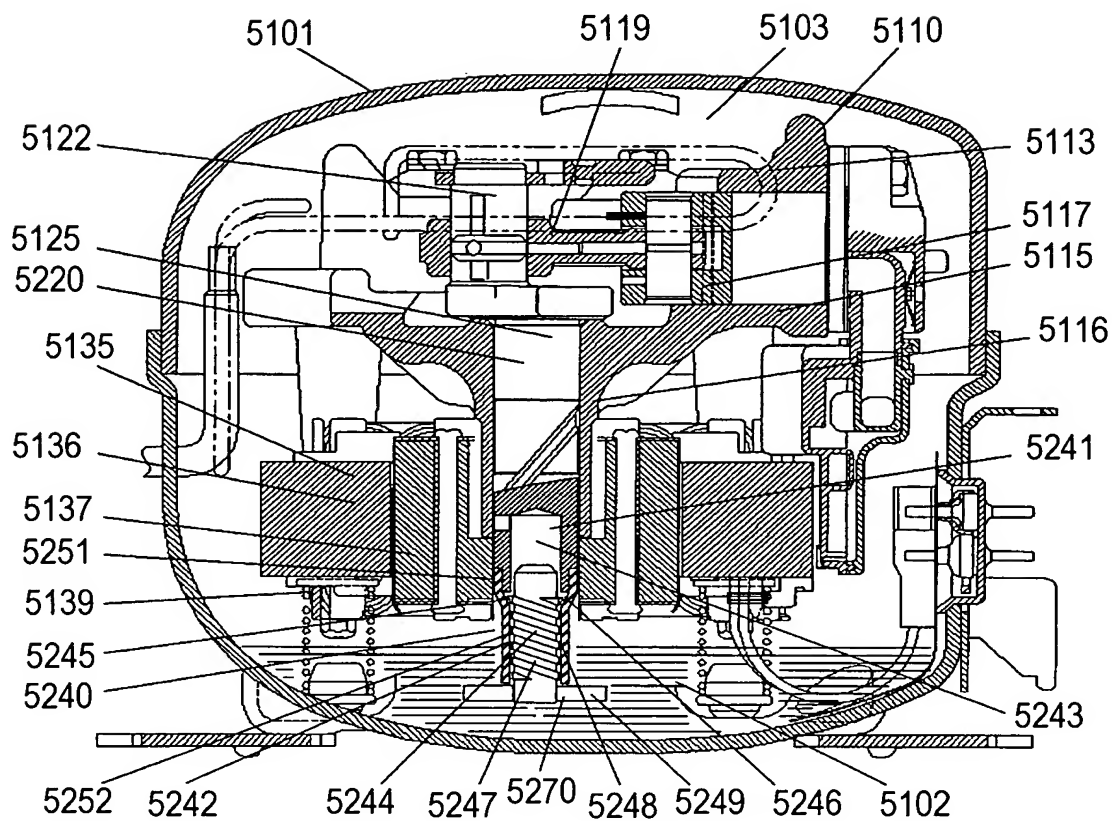


FIG. 25



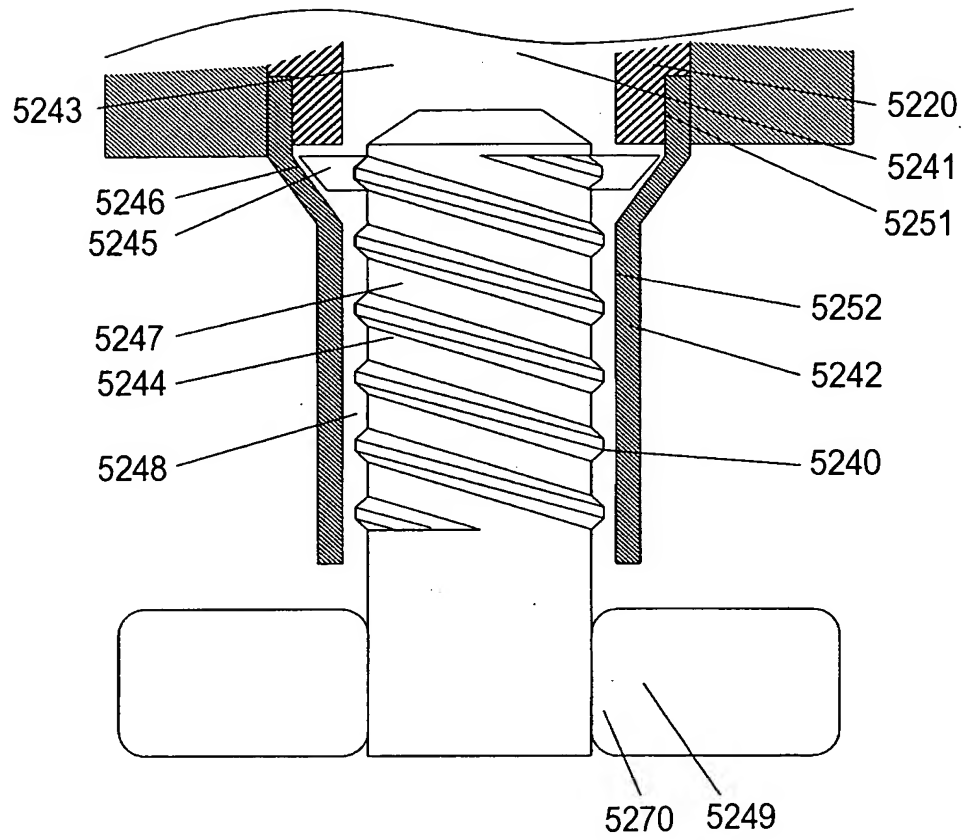
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FIG. 26



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FIG. 27



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FIG. 28

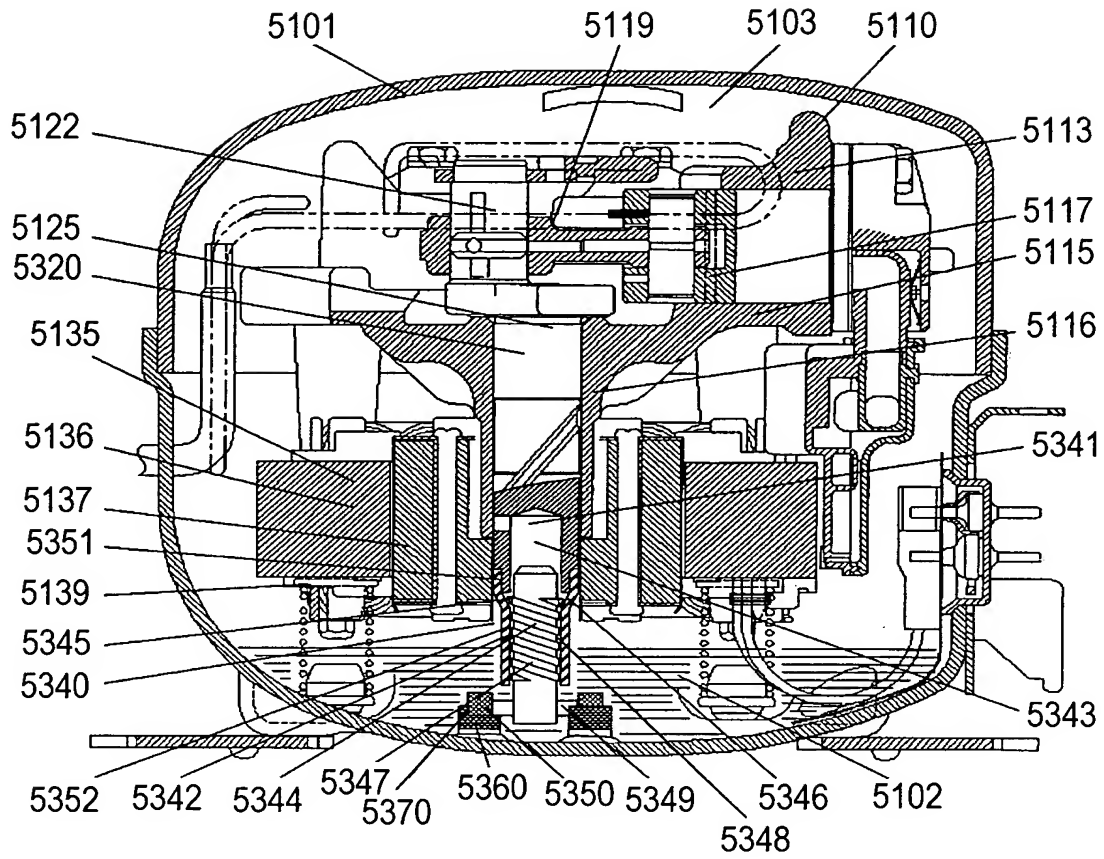
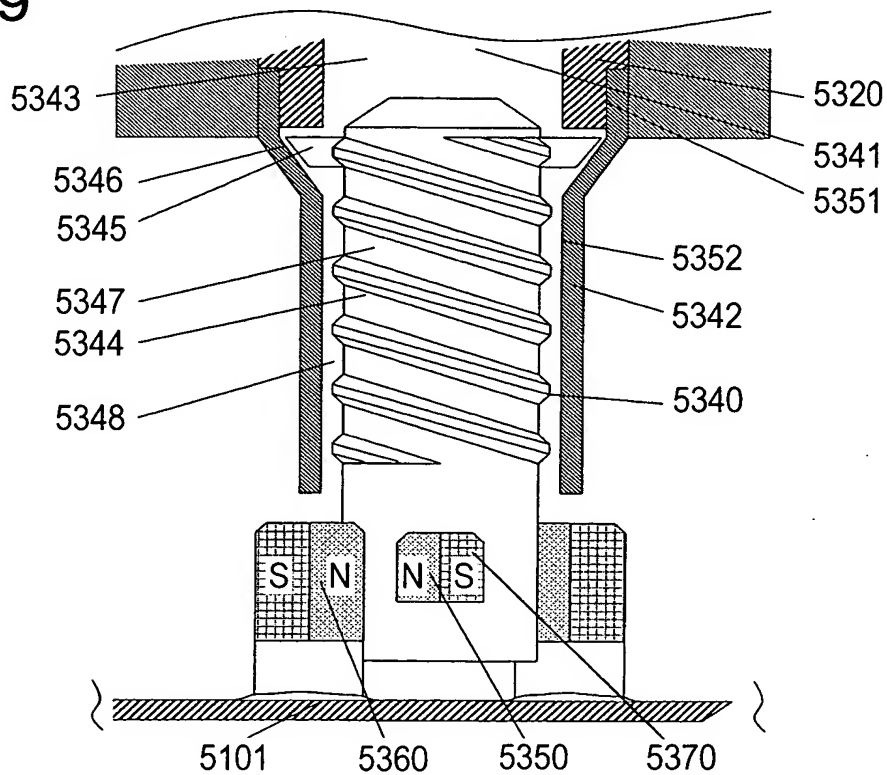


FIG. 29



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FIG. 30

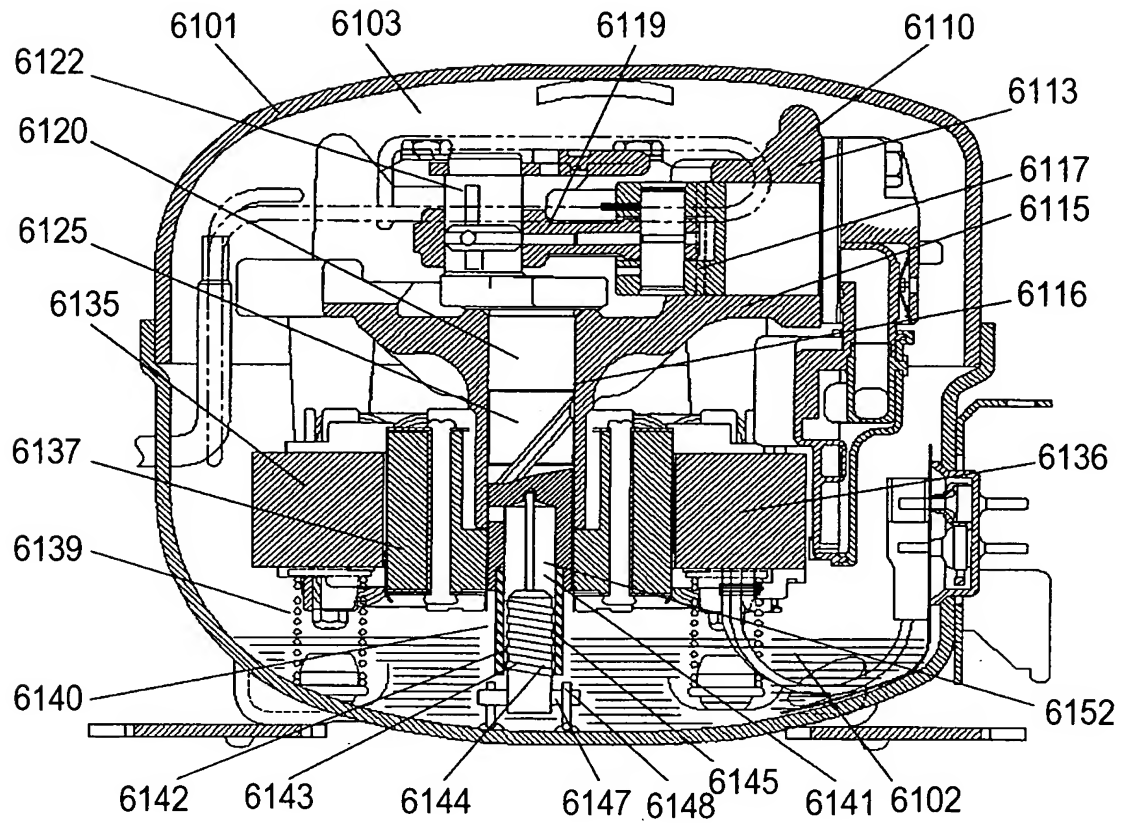
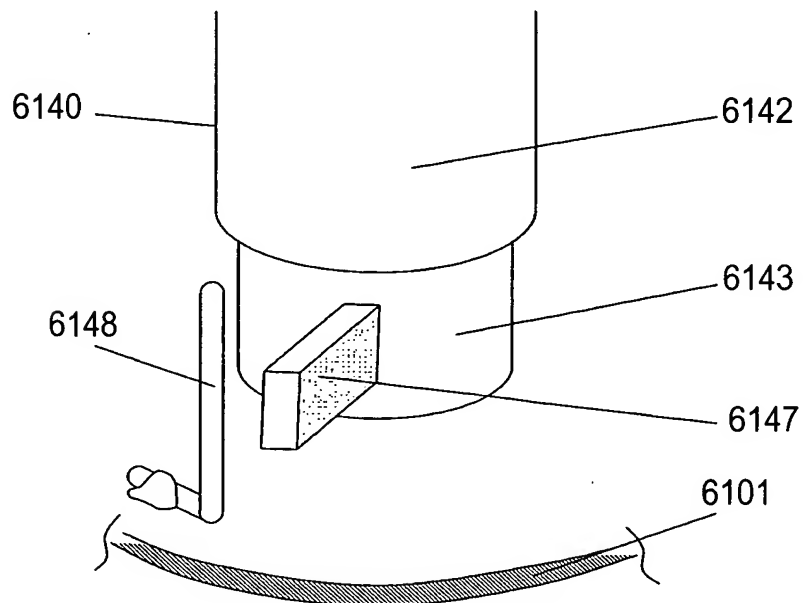


FIG. 31



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FIG. 32

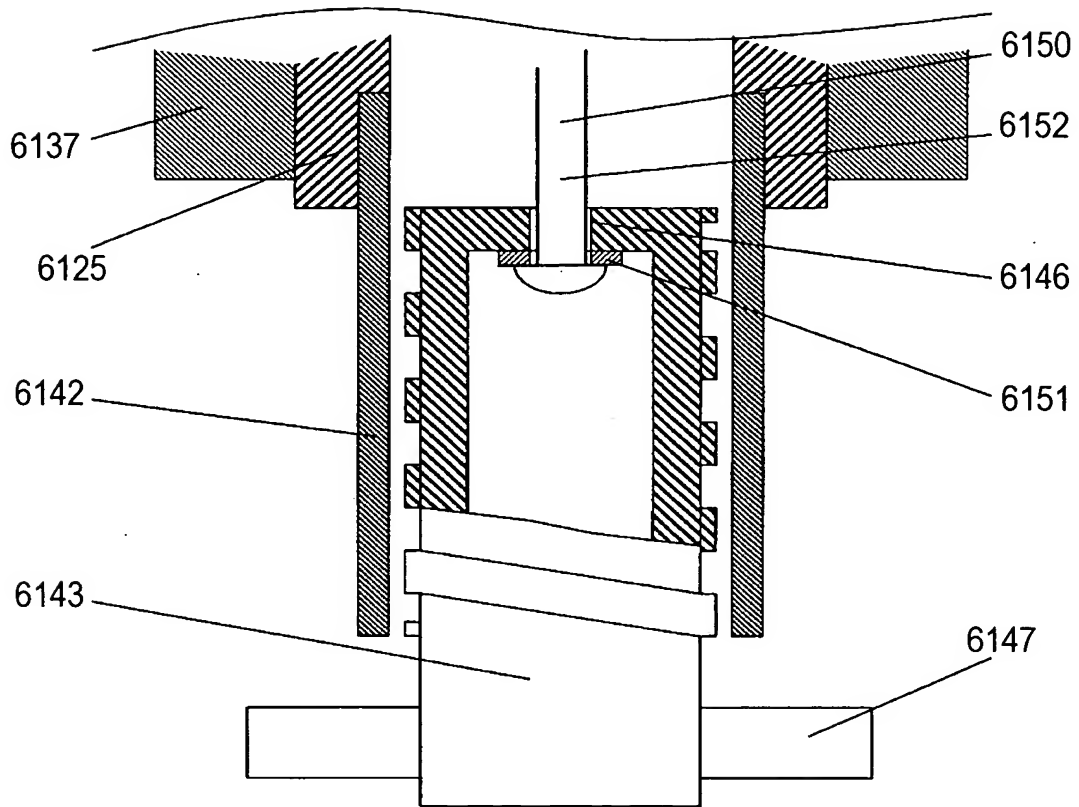
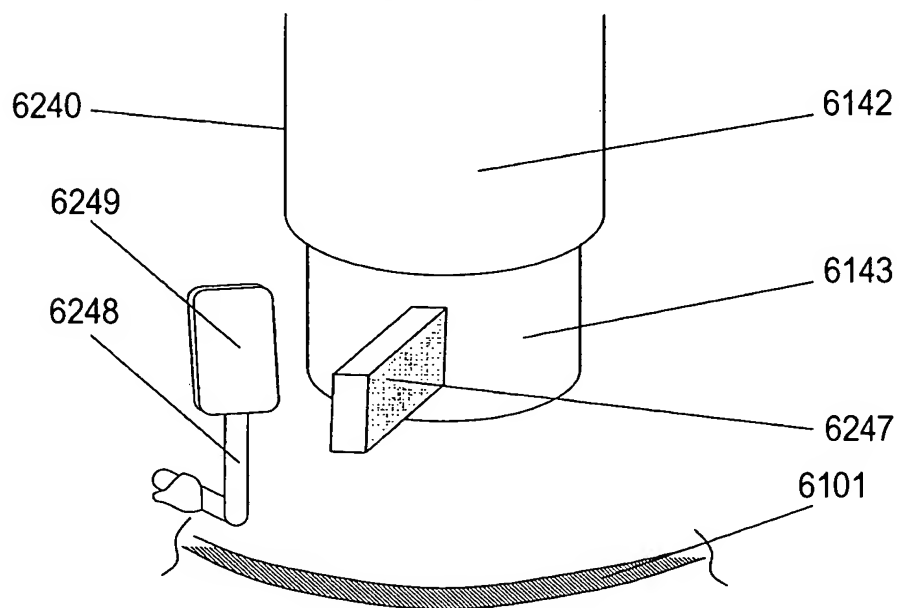
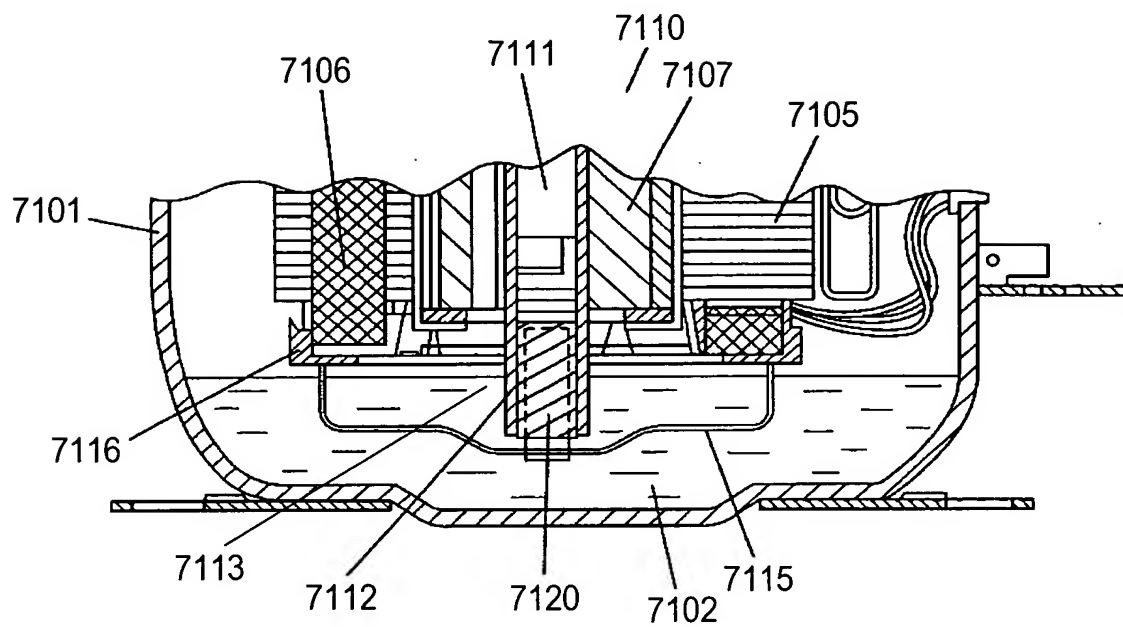


FIG. 33



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FIG. 34



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Reference numerals in the drawings

1101 Closed container
1102 Oil
1103 Refrigerant gas
1110 Compressing element
1125,1225,1325 Shaft
1135 Electrically-powered element
1140,1240,1340 Viscous pump
1142,1242,1342 Cylindrical hollow portion
1145,1246,1346 Insertion member
1147,1247,1347 Impellers
1150,1250,1350 Spiral groove
1152,1252 Upper region
1243,1343 Sleeve
1245 Upper surface
1345 Bottom surface
1352 Bottom region
2101 Closed container
2102 Oil
2110 Compressing element
2125,2225 Shaft
2135 Electrically-powered element
2136 Stator
2137 Rotor
2140,2240 Viscous pump
2142,2242 Cylindrical hollow portion
2143 Bracket
2145 Insertion member
3101 Closed container
3102 Oil
3103 Refrigerant
3105 Electrically-powered element
3106 Stator
3107 Rotor
3110,3210,3310 Compressing element

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3111,3211,3311 Shaft
3114 Main bearing
3116,3216,3316 Main shaft portion
3130,3230,3330 Viscous pump
3132,3232,3332 Supporting member
3133,3233,3333 Insertion member
3134,3234,3334 Spiral groove
3135,3235,3335 Cylindrical hollow portion
3137,3237 Engagement hole
3139,3239,3339 Restricting means
3150,3250,3350 Second Viscous pump
3151,3251,3351 Lead groove
3336 Engagement groove
3373 Spiral member
4101 Closed container
4102 Oil
4110 Compressing element
4125 Shaft
4135 Electrically-powered element
4136 Stator
4137 Rotor
4140,4240 Viscous pump
4142,4242 Sleeve
4143,4243 Insertion member
4145,4245 Oil passage
4148,4248 First permanent magnet
4149,4249 Second permanent magnet
4152,4252 Supporting member
5101 Closed container
5102 Oil
5110 Compressing element
5125 Shaft
5135 Electrically-powered element
5136 Stator
5137 Rotor

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5140,5240,5340 Viscous pump
5141,5241,5341 Hollow portion
5142,5242,5342 Sleeve
5143,5243,5343 Cylindrical hollow portion
5144,5244,5344 Insertion member
5145,5245,5345 Projection
5146,5246,5346 Receiving portion
5148,5248,5348 Oil passage
5149 Bracket
5170,5270,4370 Rotation controlling means
5249 Impeller
5251,5351 Large-diameter portion
5252,5352 Small-diameter portion
5350,5360 Permanent magnet
6101 Closed container
6102 Oil
6110 Compressing element
6125 Shaft
6135 Electrically-powered element
6136 Stator
6137 Rotor
6140,6240 Viscous pump
6142 Sleeve
6143 Insertion member
6145 Oil passage
6147,6247 First contacting member
6148,6248 Second contacting member
6152 Supporting member